



Luminaire Property

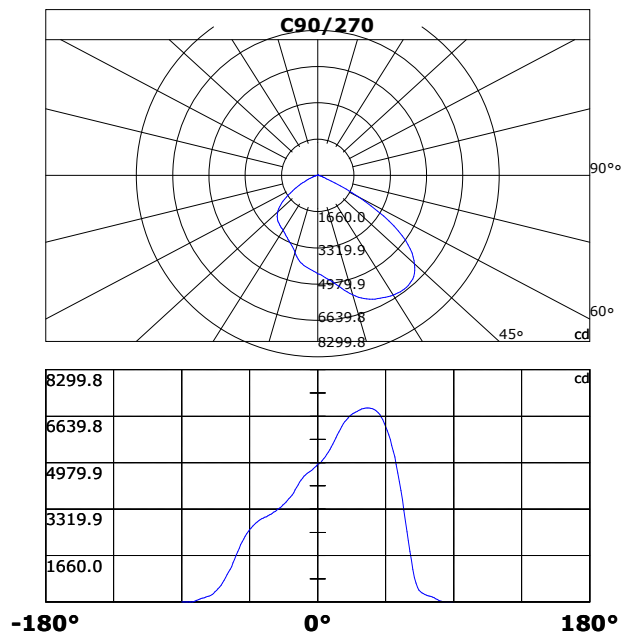
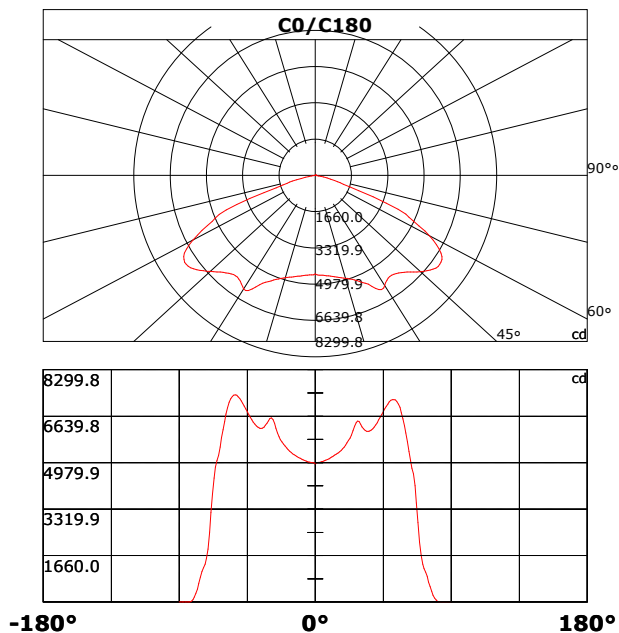
Luminaire Description: B8219
Luminaire Category: ASYMMETRIC INDUSTRIAL FLOODLIGHT 150W
Lamp Category: LED
Lamp Description: BLANCO FRIO 5000K
Number of Lamp: 1
Lamp Lumens(lm): NA
Luminous Length(m): 0.29
Luminous Width(m): 0.4
Luminous Height(m): 0.055

Voltage: 230.0 V
Current: 0.661 A
Power: 142.88 W
Power Factor: 0.939
Test Lab: BLED
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Effective Luminous Flux: 19690.09 lm
Efficiency: 140.7523 lm/W
Central Intensity: 4933.163cd
Max. Intensity: 8299.775cd
Field Angle(10%Imax): NA

Max.Intensity Angle: C:135.0 G:37.0
Beam Angle(50%Imax): L: -56.7 R:28.9
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: NA
Downward Ratio: NA
Beamwidth(50%Imax): H=136.32V=134.29





Light intensity data Unit[cd]

C\G	G0.0	G1.0	G2.0	G3.0	G4.0	G5.0	G6.0	G7.0	G8.0	G9.0
C0.0	4933.2	4981.2	4987.0	4996.3	5008.7	5023.6	5043.6	5064.5	5089.6	5117.0
C45.0	4933.2	4963.1	5001.3	5044.2	5082.1	5129.7	5178.4	5234.4	5289.7	5350.7
C90.0	4933.2	4941.1	4994.7	5062.3	5125.8	5199.2	5269.3	5349.9	5446.4	5541.5
C135.0	4933.2	4938.9	4975.7	5025.2	5075.8	5135.2	5192.4	5263.3	5330.7	5398.3
C180.0	4933.2	4976.6	4981.5	4987.5	4999.9	5012.9	5034.0	5055.4	5084.3	5110.7
C225.0	4933.2	4912.5	4887.8	4867.7	4852.6	4833.9	4821.2	4803.6	4785.5	4770.1
C270.0	4933.2	4853.7	4805.6	4754.2	4710.4	4672.0	4636.5	4597.7	4546.9	4492.7
C315.0	4933.2	4873.2	4840.2	4810.5	4780.0	4750.3	4723.9	4696.7	4671.7	4648.9
C360.0	4933.2	4981.2	4987.0	4996.3	5008.7	5023.6	5043.6	5064.5	5089.6	5117.0
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	5151.4	5183.0	5219.9	5253.1	5287.2	5324.6	5370.0	5420.8	5471.7	5535.2
C45.0	5418.1	5497.5	5583.0	5667.4	5759.5	5864.3	5955.3	6056.7	6158.7	6253.6
C90.0	5645.7	5754.6	5865.1	5976.4	6079.3	6178.8	6278.3	6372.3	6450.4	6515.8
C135.0	5482.1	5559.9	5661.1	5754.8	5863.5	5977.5	6091.4	6207.9	6319.3	6426.8
C180.0	5138.2	5166.5	5199.0	5229.7	5263.6	5299.6	5345.2	5393.6	5449.1	5508.8
C225.0	4745.1	4723.4	4696.7	4661.5	4626.9	4586.5	4539.4	4480.1	4412.4	4350.9
C270.0	4430.0	4362.9	4278.8	4192.2	4100.1	4002.8	3901.9	3824.6	3759.0	3693.5
C315.0	4624.1	4597.2	4559.2	4525.7	4489.4	4442.4	4394.8	4326.1	4259.3	4192.5
C360.0	5151.4	5183.0	5219.9	5253.1	5287.2	5324.6	5370.0	5420.8	5471.7	5535.2
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	5605.6	5691.3	5774.9	5856.0	5961.3	6122.4	6285.4	6410.0	6461.7	6450.9
C45.0	6361.3	6445.2	6538.6	6617.0	6689.6	6771.8	6838.0	6904.5	6965.9	7034.3
C90.0	6576.6	6635.7	6682.4	6725.6	6748.1	6780.6	6810.8	6838.3	6863.3	6893.8
C135.0	6540.0	6641.7	6740.7	6836.6	6926.5	7028.0	7118.4	7203.1	7275.1	7356.2
C180.0	5572.6	5648.2	5723.2	5804.9	5901.4	6040.8	6217.8	6379.7	6523.8	6574.4
C225.0	4298.9	4260.1	4235.9	4229.6	4248.6	4298.6	4369.5	4414.1	4413.0	4370.6
C270.0	3631.1	3573.4	3516.7	3466.7	3420.0	3371.0	3328.4	3289.9	3248.2	3214.3
C315.0	4130.1	4073.5	4028.9	3994.8	3966.5	3948.9	3933.0	3920.3	3912.6	3906.0
C360.0	5605.6	5691.3	5774.9	5856.0	5961.3	6122.4	6285.4	6410.0	6461.7	6450.9
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	6352.3	6254.9	6187.8	6131.8	6096.3	6093.5	6113.6	6144.1	6189.5	6254.4
C45.0	7087.1	7138.0	7186.6	7251.5	7337.0	7438.7	7583.6	7721.9	7857.1	7930.3
C90.0	6914.5	6923.2	6934.0	6937.8	6934.0	6924.6	6914.5	6891.1	6853.2	6812.2
C135.0	7457.2	7599.3	7768.9	7944.9	8104.0	8223.1	8291.8	8299.8	8271.7	8210.4
C180.0	6554.8	6476.0	6386.9	6314.0	6254.6	6212.9	6201.9	6217.8	6253.6	6294.8
C225.0	4295.0	4198.8	4119.4	4048.1	3992.9	3943.7	3896.7	3857.1	3817.2	3782.1
C270.0	3173.9	3142.6	3116.5	3085.1	3053.0	3030.4	3001.3	2973.2	2944.7	2909.5
C315.0	3894.5	3885.7	3866.5	3825.5	3780.7	3727.3	3681.1	3640.4	3602.5	3567.3
C360.0	6352.3	6254.9	6187.8	6131.8	6096.3	6093.5	6113.6	6144.1	6189.5	6254.4



Light intensity data Unit[cd]

C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	6330.8	6410.8	6507.3	6606.0	6708.3	6804.5	6898.0	6988.7	7077.8	7150.3
C45.0	7953.4	7939.3	7902.5	7848.6	7772.5	7684.2	7585.0	7472.8	7364.5	7260.3
C90.0	6761.0	6697.8	6612.3	6517.8	6392.7	6270.9	6136.2	5974.8	5804.9	5601.4
C135.0	8132.1	8047.1	7947.0	7850.0	7736.2	7641.9	7529.5	7427.2	7303.2	7197.4
C180.0	6364.3	6432.5	6515.5	6598.6	6702.8	6800.6	6896.0	7001.9	7098.1	7192.7
C225.0	3744.9	3705.9	3663.0	3617.1	3570.6	3505.7	3434.3	3360.9	3293.2	3216.3
C270.0	2866.0	2819.6	2773.4	2712.6	2651.8	2586.4	2516.9	2437.7	2351.4	2257.6
C315.0	3528.3	3498.0	3464.3	3425.5	3375.7	3327.3	3271.0	3208.9	3130.2	3065.6
C360.0	6330.8	6410.8	6507.3	6606.0	6708.3	6804.5	6898.0	6988.7	7077.8	7150.3
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	7204.2	7231.7	7235.0	7214.9	7167.1	7073.4	6951.3	6758.0	6546.9	6297.3
C45.0	7149.5	7046.7	6944.4	6854.8	6774.8	6696.7	6639.8	6596.4	6571.1	6561.2
C90.0	5394.2	5181.1	4910.3	4617.8	4306.6	3986.3	3635.2	3270.7	2889.1	2513.8
C135.0	7092.9	6994.7	6906.2	6817.1	6755.8	6702.5	6672.8	6654.7	6666.2	6689.6
C180.0	7276.0	7336.7	7385.1	7400.0	7389.2	7343.0	7268.6	7141.2	6949.4	6714.1
C225.0	3137.6	3044.2	2941.6	2825.9	2706.6	2605.1	2489.6	2373.3	2261.2	2156.5
C270.0	2162.2	2057.5	1931.8	1805.1	1675.1	1528.3	1399.1	1266.6	1162.1	1073.3
C315.0	3005.9	2935.3	2859.7	2759.1	2653.0	2546.0	2457.0	2359.6	2237.0	2107.3
C360.0	7204.2	7231.7	7235.0	7214.9	7167.1	7073.4	6951.3	6758.0	6546.9	6297.3
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	6041.0	5736.1	5377.9	5043.1	4781.1	4580.9	4154.6	3534.9	2848.4	2135.8
C45.0	6563.9	6584.6	6609.8	6624.1	6582.9	6397.6	6038.0	5392.2	4572.4	3409.8
C90.0	2192.5	1815.3	1477.7	1171.7	874.5	677.9	522.9	429.4	375.3	327.1
C135.0	6720.6	6715.1	6600.8	6324.5	5890.7	5073.3	4085.6	2744.5	1780.1	1081.5
C180.0	6457.3	6160.3	5866.2	5541.8	5241.0	5060.1	4816.3	4427.8	3873.3	3197.8
C225.0	2053.9	1938.4	1793.8	1628.3	1443.3	1266.0	1059.8	839.0	667.8	529.5
C270.0	986.7	875.1	774.4	680.4	598.5	531.7	469.3	415.4	367.6	302.1
C315.0	2003.3	1890.6	1742.1	1611.0	1503.0	1394.9	1286.3	1150.5	990.2	825.9
C360.0	6041.0	5736.1	5377.9	5043.1	4781.1	4580.9	4154.6	3534.9	2848.4	2135.8
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	1672.3	1354.8	1191.8	1067.2	914.6	718.4	552.6	386.8	250.2	143.5
C45.0	2398.4	1530.2	915.2	624.6	482.5	450.6	467.1	499.5	519.6	512.4
C90.0	296.3	273.0	249.6	223.8	212.8	199.3	180.1	152.8	118.2	91.3
C135.0	677.7	512.2	468.7	475.9	502.3	525.1	539.1	525.1	486.9	439.0
C180.0	2503.9	1890.3	1559.0	1353.4	1226.1	1089.5	885.0	669.4	464.6	311.5
C225.0	409.9	320.3	263.4	205.1	164.1	133.1	104.5	81.9	57.5	35.5
C270.0	262.3	237.0	216.1	196.6	179.5	161.4	145.7	124.6	105.3	85.8
C315.0	671.9	535.8	438.5	353.8	287.3	228.2	192.2	169.1	139.9	113.0
C360.0	1672.3	1354.8	1191.8	1067.2	914.6	718.4	552.6	386.8	250.2	143.5



Light intensity data Unit[cd]

C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	75.3	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C45.0	488.5	447.0	409.1	366.2	303.2	233.4	158.3	87.1	30.3	0.0
C90.0	65.2	43.7	23.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0
C135.0	390.4	324.1	252.6	177.6	106.7	43.7	5.8	0.0	0.0	0.0
C180.0	171.5	87.4	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C225.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C270.0	66.0	44.3	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C315.0	87.4	53.9	30.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
C360.0	75.3	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C\G	G90.0									
C0.0	0.0									
C45.0	0.0									
C90.0	0.0									
C135.0	0.0									
C180.0	0.0									
C225.0	0.0									
C270.0	0.0									
C315.0	0.0									
C360.0	0.0									



Zonal Luminous Flux Data

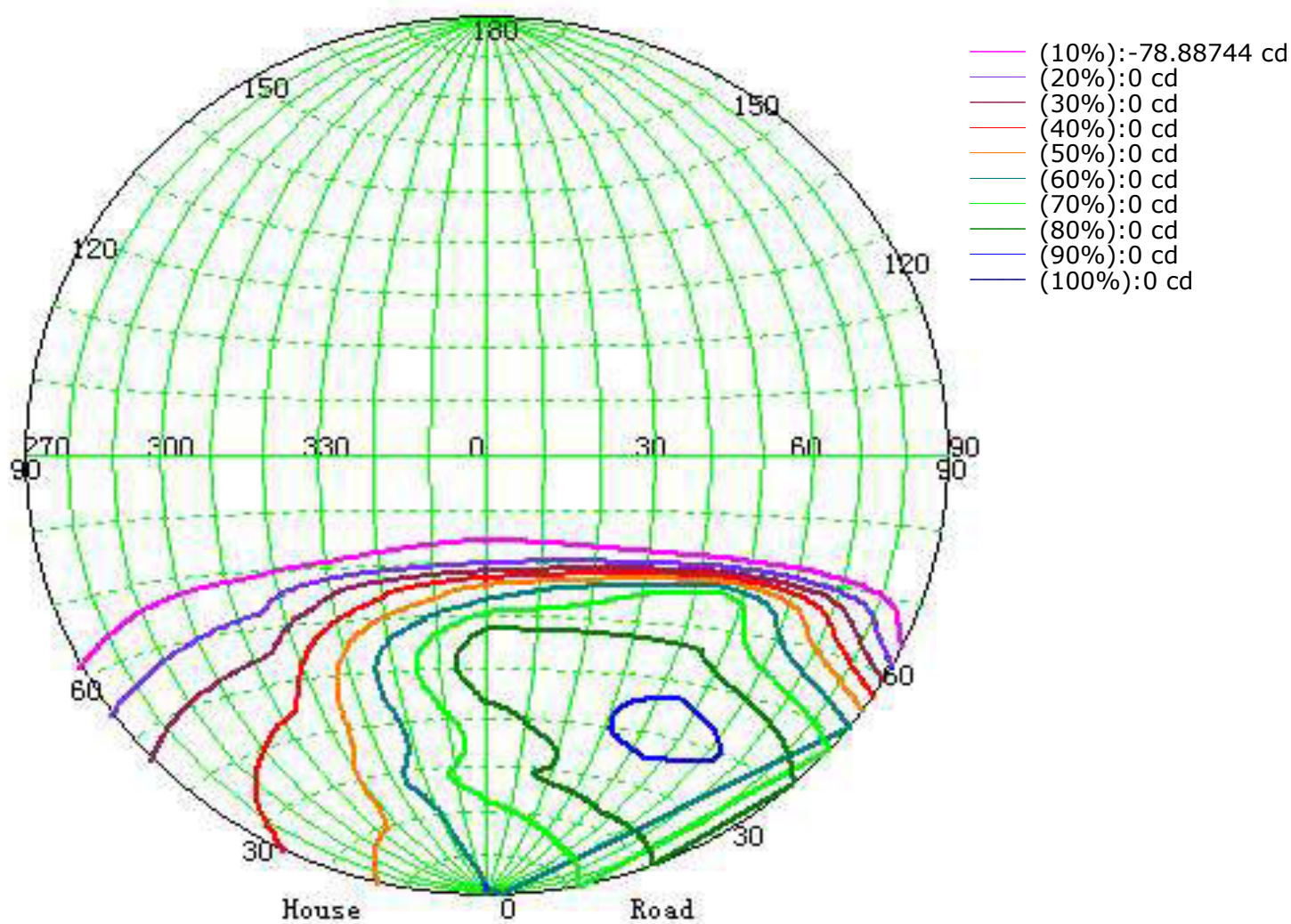
Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	4933.16	0.00	0.00	0.00	0.00
0.0-1.0	4930.03	4.72	4.72	0.02	0.02
1.0-2.0	4934.22	14.16	18.88	0.07	0.09
2.0-3.0	4943.50	23.62	42.50	0.12	0.21
3.0-4.0	4954.42	33.13	75.63	0.16	0.38
4.0-5.0	4969.59	42.69	118.33	0.21	0.59
5.0-6.0	4987.42	52.33	170.65	0.26	0.85
6.0-7.0	5008.20	62.04	232.70	0.31	1.16
7.0-8.0	5030.58	71.85	304.54	0.36	1.51
8.0-9.0	5053.74	81.73	386.27	0.41	1.92
9.0-10.0	5079.35	91.70	477.97	0.46	2.38
10.0-11.0	5105.63	101.77	579.74	0.51	2.88
11.0-12.0	5132.85	111.92	691.66	0.56	3.44
12.0-13.0	5157.63	122.12	813.78	0.61	4.05
13.0-14.0	5183.68	132.37	946.15	0.66	4.70
14.0-15.0	5209.56	142.68	1088.83	0.71	5.41
15.0-16.0	5234.53	153.04	1241.87	0.76	6.18
16.0-17.0	5260.27	163.43	1405.30	0.81	6.99
17.0-18.0	5284.99	173.87	1579.17	0.86	7.85
18.0-19.0	5309.62	184.32	1763.49	0.92	8.77
19.0-20.0	5339.52	194.91	1958.40	0.97	9.74
20.0-21.0	5371.14	205.67	2164.07	1.02	10.76
21.0-22.0	5405.19	216.55	2380.62	1.08	11.84
22.0-23.0	5441.41	227.59	2608.21	1.13	12.97
23.0-24.0	5482.75	238.84	2847.05	1.19	14.16
24.0-25.0	5545.26	250.75	3097.81	1.25	15.40
25.0-26.0	5612.68	263.38	3361.19	1.31	16.71
26.0-27.0	5670.00	276.03	3637.23	1.37	18.09
27.0-28.0	5707.94	288.07	3925.29	1.43	19.52
28.0-29.0	5725.08	299.12	4224.41	1.49	21.01
29.0-30.0	5716.16	308.91	4533.32	1.54	22.54
30.0-31.0	5702.30	317.76	4851.08	1.58	24.12
31.0-32.0	5695.82	326.54	5177.62	1.62	25.75
32.0-33.0	5692.34	335.50	5513.12	1.67	27.41
33.0-34.0	5694.06	344.59	5857.71	1.71	29.13
34.0-35.0	5699.28	353.84	6211.54	1.76	30.89
35.0-36.0	5710.55	363.29	6574.84	1.81	32.69
36.0-37.0	5718.18	372.74	6947.58	1.85	34.55
37.0-38.0	5723.69	381.91	7329.49	1.90	36.45
38.0-39.0	5720.11	390.61	7720.10	1.94	38.39
39.0-40.0	5710.11	398.65	8118.75	1.98	40.37



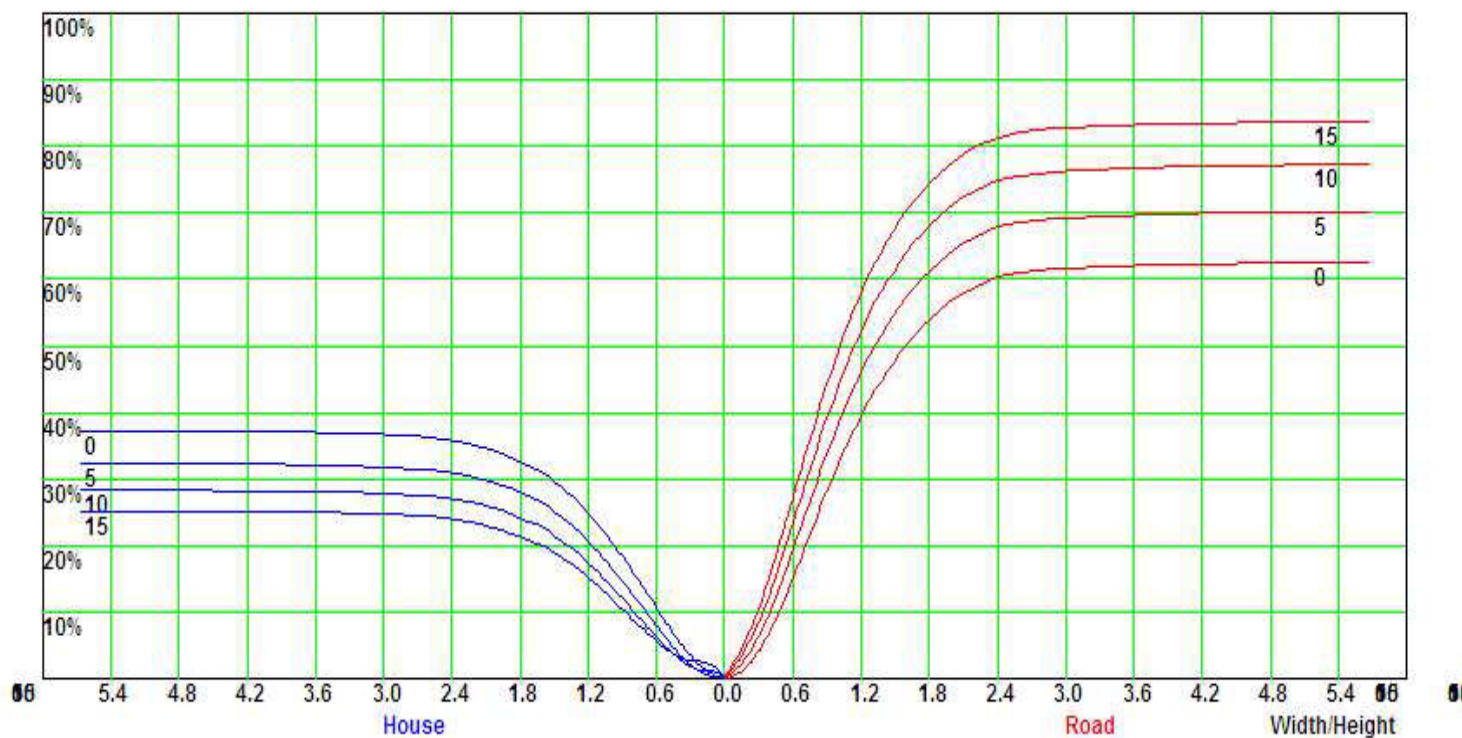
Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	5693.89	406.09	8524.84	2.02	42.39
41.0-42.0	5673.16	412.98	8937.82	2.05	44.44
42.0-43.0	5647.01	419.33	9357.15	2.09	46.53
43.0-44.0	5613.82	425.02	9782.17	2.11	48.64
44.0-45.0	5577.70	430.10	10212.27	2.14	50.78
45.0-46.0	5533.34	434.53	10646.80	2.16	52.94
46.0-47.0	5484.09	438.19	11084.99	2.18	55.12
47.0-48.0	5427.91	441.12	11526.11	2.19	57.31
48.0-49.0	5367.69	443.33	11969.44	2.20	59.52
49.0-50.0	5302.81	444.89	12414.33	2.21	61.73
50.0-51.0	5228.49	445.56	12859.89	2.22	63.95
51.0-52.0	5139.27	444.89	13304.78	2.21	66.16
52.0-53.0	5036.84	442.66	13747.44	2.20	68.36
53.0-54.0	4928.52	439.23	14186.67	2.18	70.54
54.0-55.0	4810.16	434.72	14621.39	2.16	72.70
55.0-56.0	4689.16	429.25	15050.64	2.13	74.84
56.0-57.0	4552.56	422.55	15473.19	2.10	76.94
57.0-58.0	4410.36	414.48	15887.67	2.06	79.00
58.0-59.0	4264.11	405.54	16293.20	2.02	81.02
59.0-60.0	4127.40	396.44	16689.65	1.97	82.99
60.0-61.0	3964.44	386.16	17075.80	1.92	84.91
61.0-62.0	3780.36	373.19	17448.99	1.86	86.76
62.0-63.0	3578.12	357.88	17806.88	1.78	88.54
63.0-64.0	3364.38	340.67	18147.54	1.69	90.24
64.0-65.0	3122.82	321.05	18468.59	1.60	91.83
65.0-66.0	2804.09	295.71	18764.30	1.47	93.31
66.0-67.0	2366.73	260.00	19024.31	1.29	94.60
67.0-68.0	1934.39	217.88	19242.19	1.08	95.68
68.0-69.0	1476.20	173.99	19416.18	0.87	96.55
69.0-70.0	1111.59	132.90	19549.09	0.66	97.21
70.0-71.0	831.69	100.44	19649.52	0.50	97.71
71.0-72.0	662.79	77.71	19727.23	0.39	98.09
72.0-73.0	562.56	64.08	19791.31	0.32	98.41
73.0-74.0	496.16	55.66	19846.97	0.28	98.69
74.0-75.0	438.19	49.37	19896.34	0.25	98.93
75.0-76.0	383.27	43.61	19939.94	0.22	99.15
76.0-77.0	326.16	37.82	19977.77	0.19	99.34
77.0-78.0	267.77	31.79	20009.56	0.16	99.50
78.0-79.0	216.50	26.02	20035.58	0.13	99.63
79.0-80.0	169.86	20.83	20056.41	0.10	99.73
80.0-81.0	127.94	16.10	20072.51	0.08	99.81

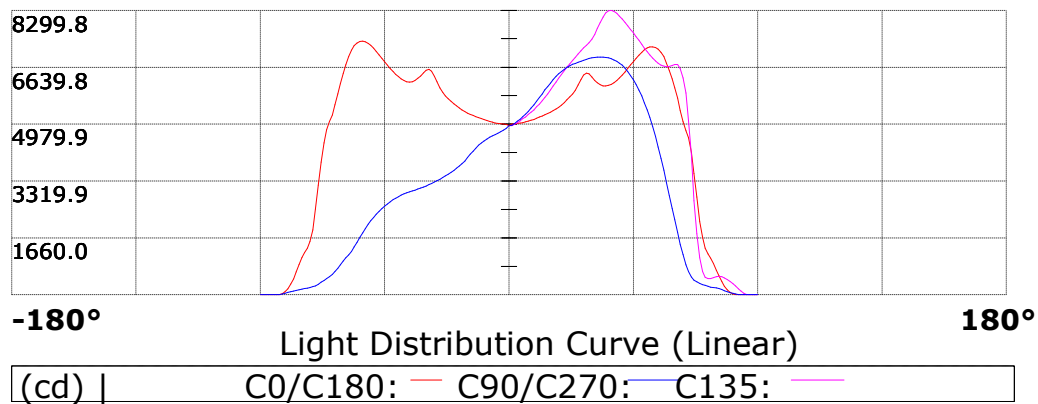
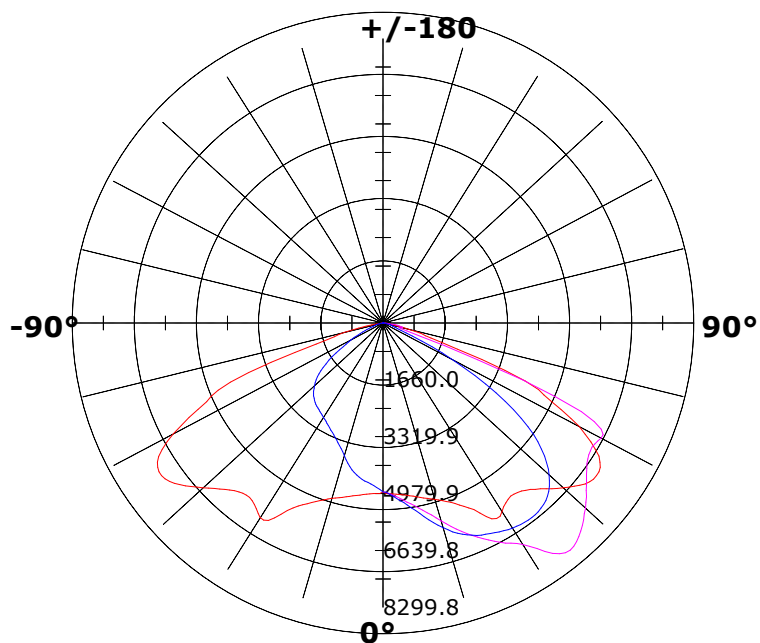
Iso-Candela [cd]

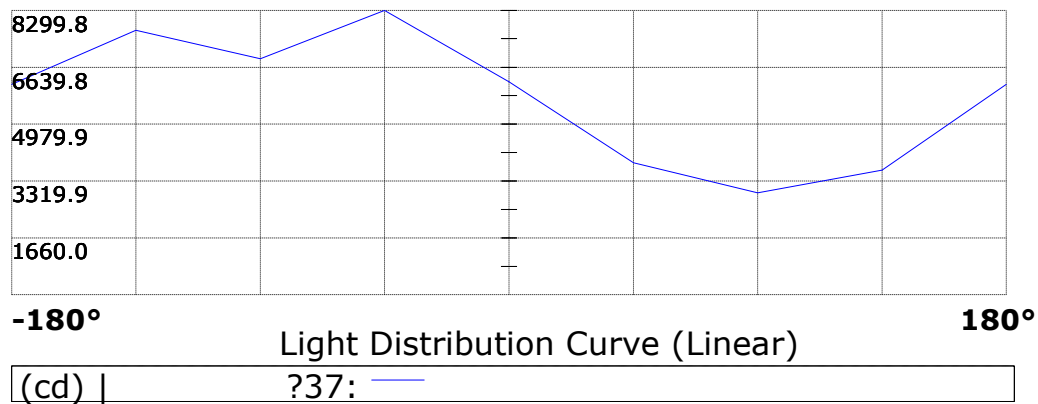
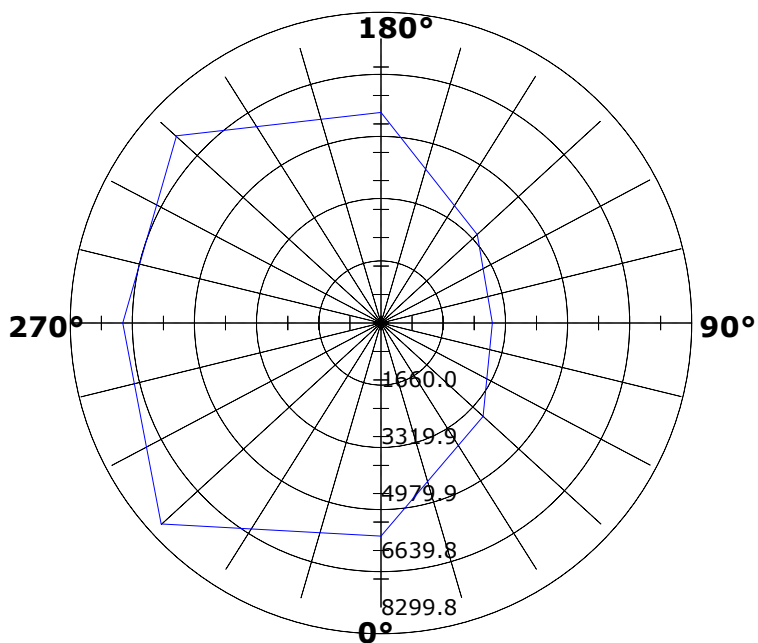


Coefficient Utilization Curve

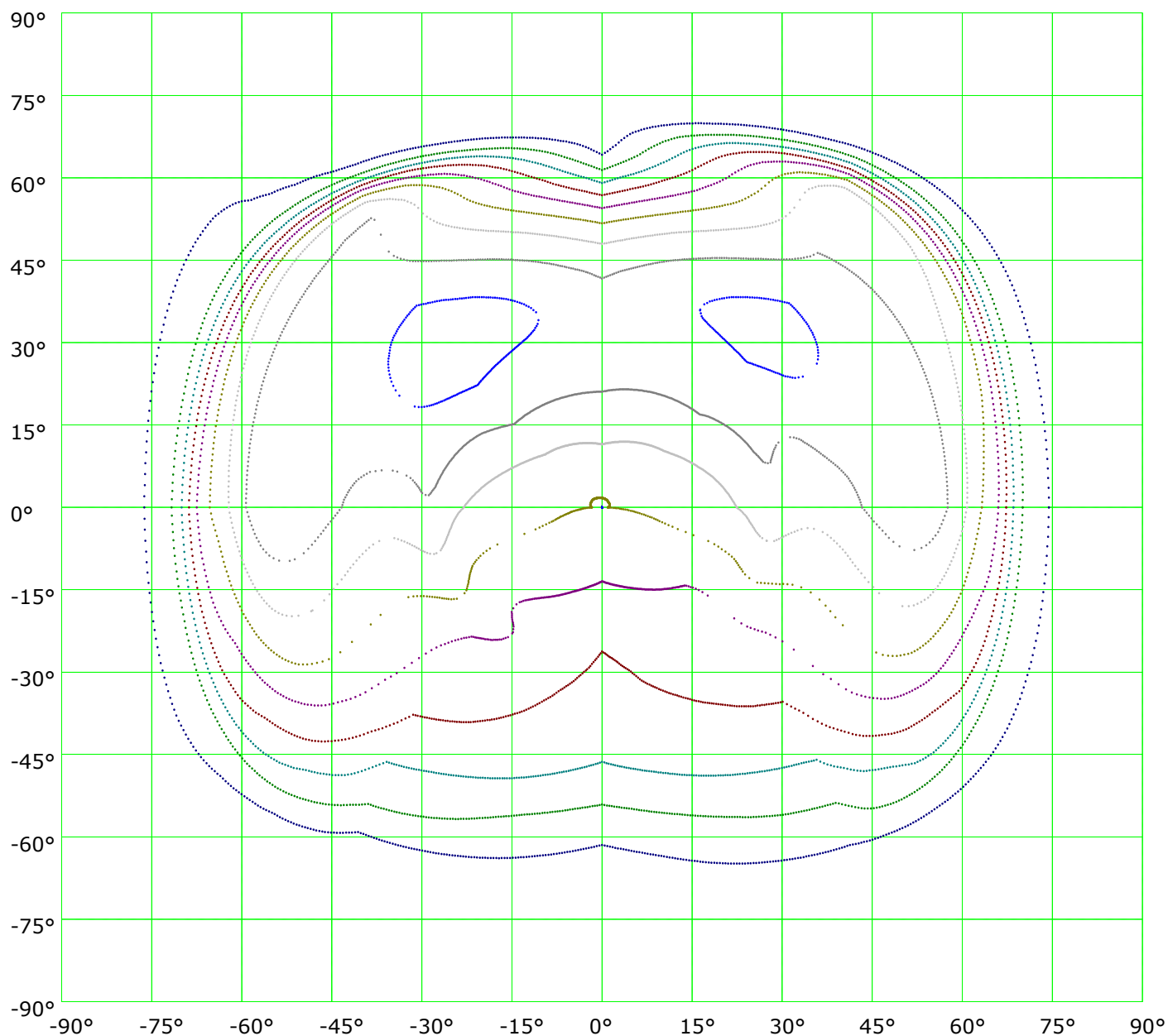


Light Distribution Curve [Unit: cd]



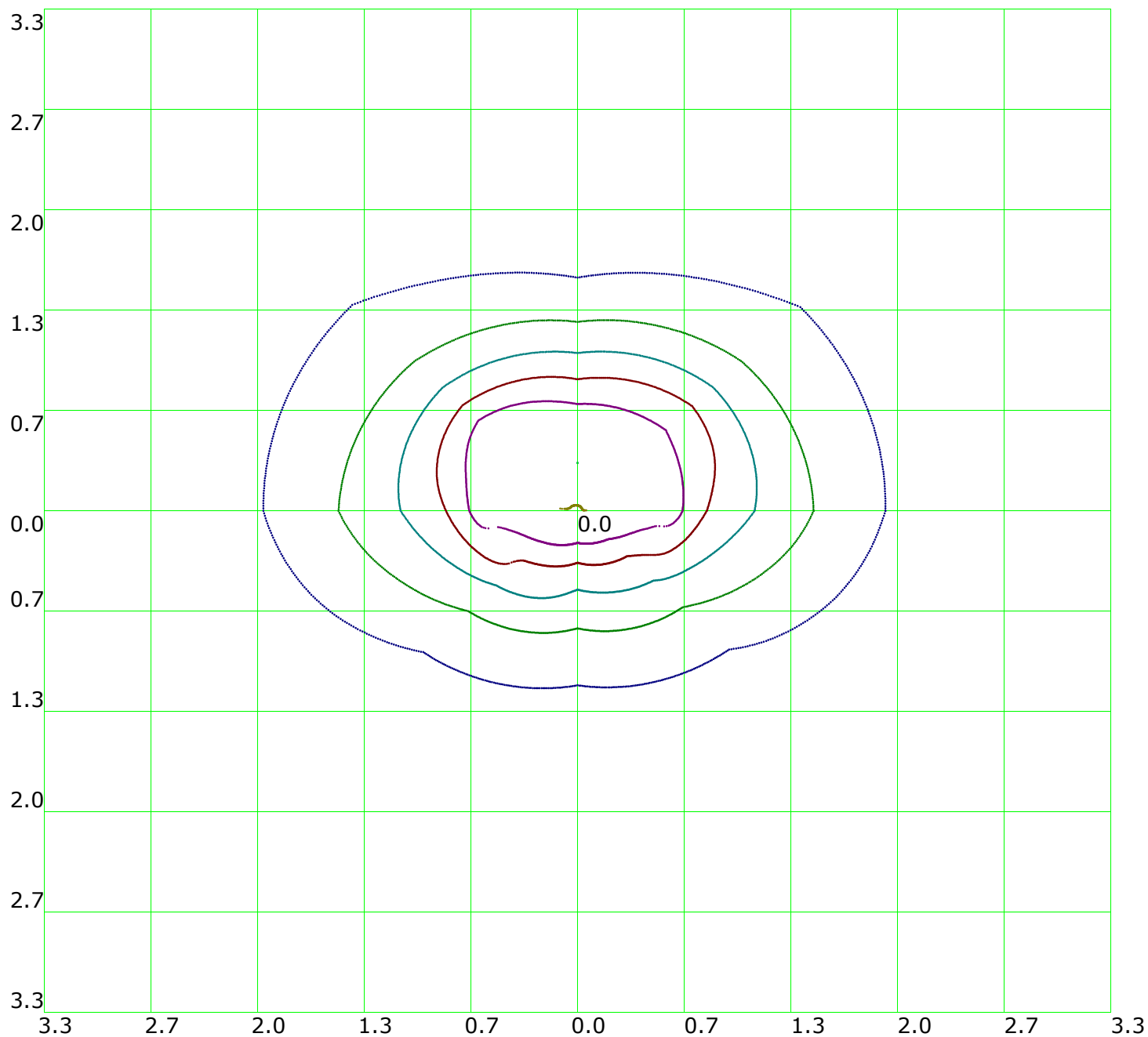


Isocandela(rectangle)



(10%): 830.cd	(20%): 1660.cd	(30%): 2489.9cd	(40%): 3319.9cd
(50%): 4149.9cd	(60%): 4979.9cd	(70%): 5809.8cd	(80%): 6639.8cd
(90%): 7469.8cd	(100%): 8299.8cd		

Isolx curve



Height: 1 m

(10%): 830.1lx	(20%): 1660.1lx	(30%): 2489.9lx	(40%): 3319.9lx
(50%): 4149.9lx	(60%): 4979.9lx	(70%): 5809.8lx	(80%): 6639.8lx
(90%): 7469.8lx	(100%): 8291.5lx		

Space Isolx Curve



— (10%): 830.1x	— (20%): 1660.1x	— (30%): 2489.9lx	— (40%): 3319.9lx
— (50%): 4149.9lx	— (60%): 4979.9lx	— (70%): 5809.8lx	— (80%): 6639.8lx
— (90%): 7469.8lx	— (100%): 8291.5lx		

Luminance Limiting Curve

Diameter: 290mm

Length: 290mm

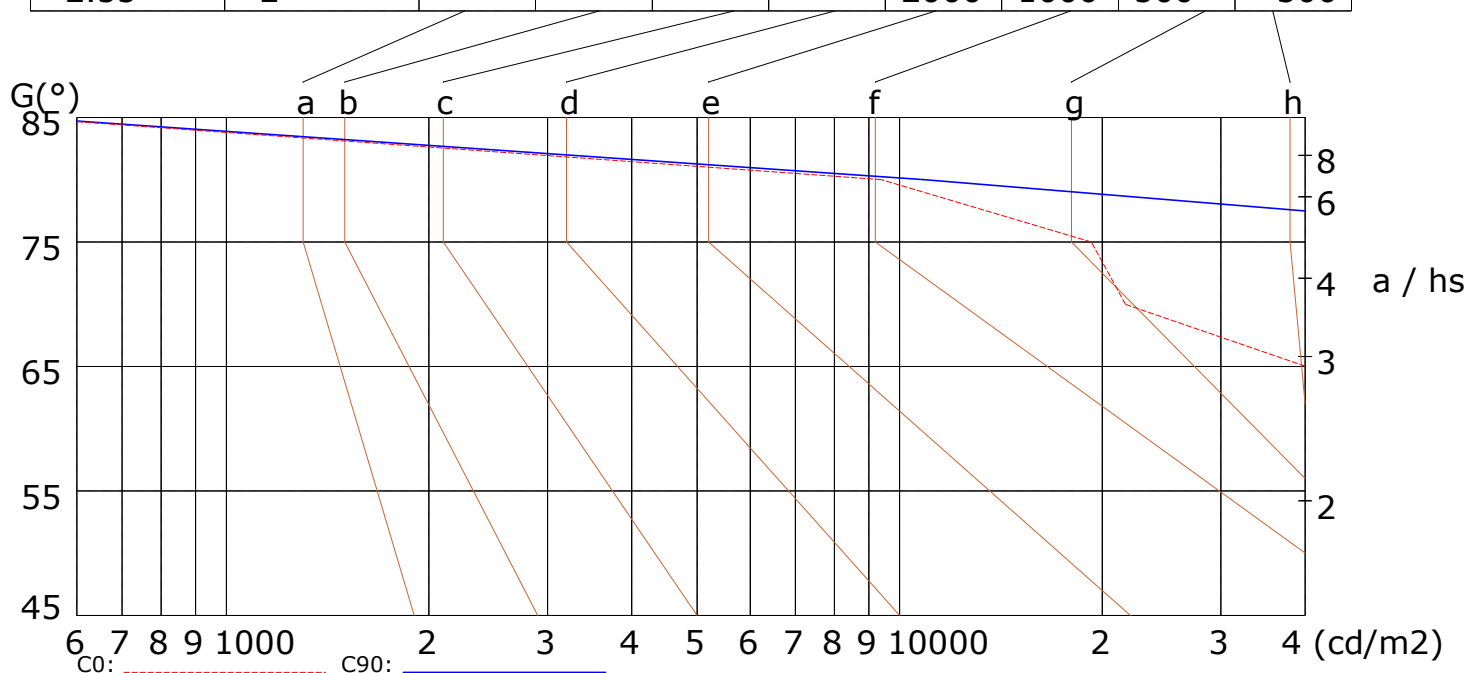
Width: 400mm

Height: 55mm

(cd/m²)

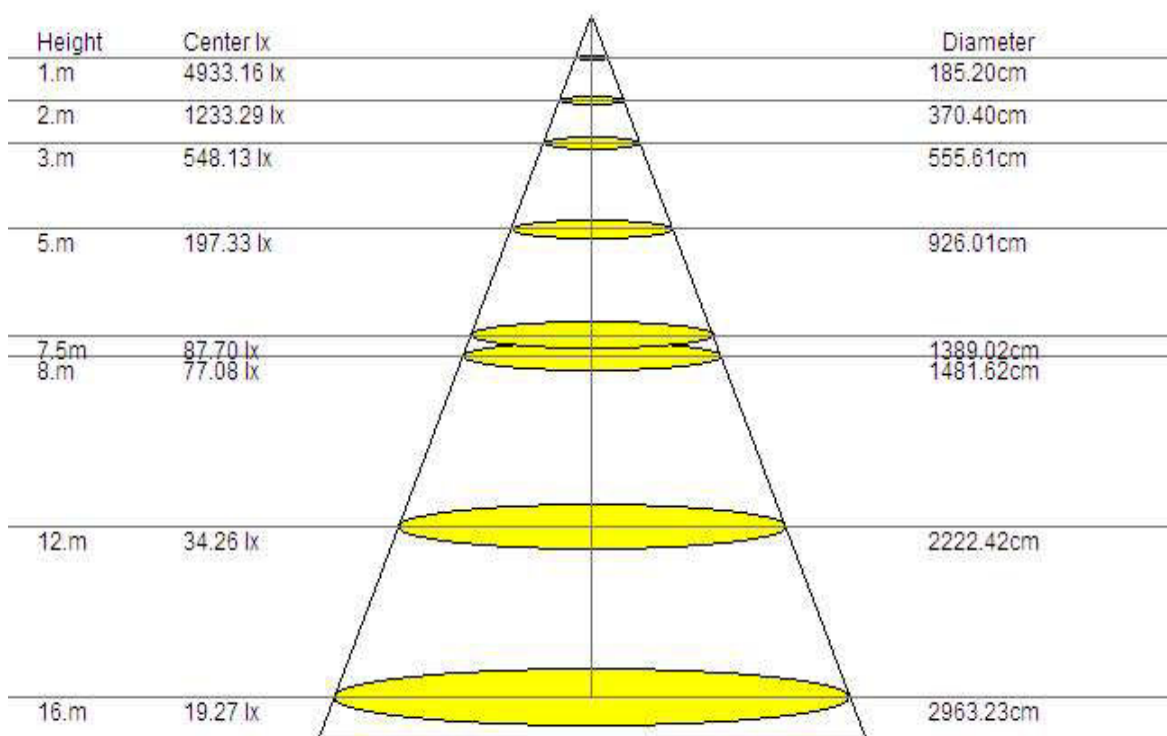
?	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	22170	92097	96173	74810	96244	0104	21661	19254	9380
C90	24057	52801	94308	30130	20522	70986	12224	069388	10843

Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	=300				
1.5	B		2000	1000	500	=300			
1.85	C			2000	1000	500	=300		
2.2	D				2000	1000	500	=300	
2.55	E					2000	1000	500	=300



Lum. Limiting Curve (C0/C90)

Lux-Distance Curve



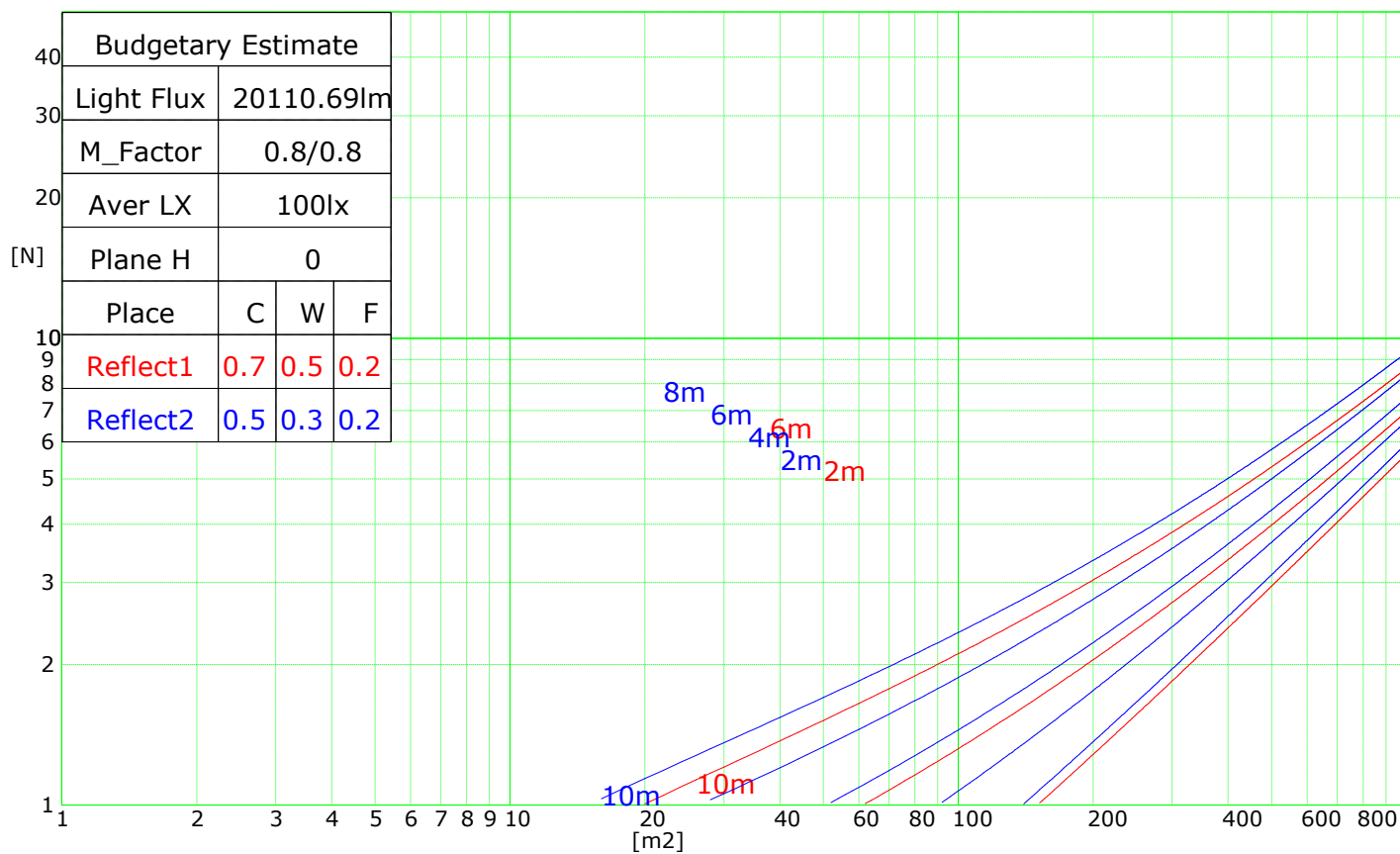
Beam Angle:85.60°(50%Imax)



Coefficients of Utilization

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.06	1.04	1.03	1.05	1.03	1.01	1.01	0.99	0.97	0.96	0.94	0.92	0.90	0.87	0.85	0.80
2	0.90	0.88	0.86	0.89	0.86	0.84	0.87	0.84	0.81	0.84	0.80	0.76	0.79	0.75	0.71	0.67
3	0.76	0.73	0.71	0.76	0.73	0.70	0.75	0.71	0.67	0.73	0.68	0.64	0.70	0.64	0.60	0.56
4	0.65	0.62	0.60	0.65	0.62	0.59	0.65	0.60	0.56	0.64	0.58	0.54	0.62	0.56	0.51	0.47
5	0.56	0.53	0.51	0.57	0.53	0.50	0.57	0.52	0.48	0.56	0.50	0.46	0.55	0.49	0.43	0.40
6	0.48	0.46	0.44	0.49	0.46	0.43	0.50	0.45	0.41	0.50	0.44	0.40	0.50	0.43	0.38	0.34
7	0.42	0.40	0.38	0.43	0.40	0.37	0.45	0.40	0.36	0.45	0.39	0.34	0.45	0.38	0.33	0.29
8	0.38	0.35	0.33	0.39	0.35	0.33	0.40	0.35	0.32	0.41	0.35	0.30	0.41	0.34	0.29	0.26
9	0.34	0.31	0.30	0.35	0.31	0.29	0.36	0.31	0.28	0.37	0.31	0.27	0.38	0.31	0.26	0.23
10	0.30	0.28	0.26	0.31	0.28	0.26	0.33	0.28	0.25	0.34	0.28	0.24	0.35	0.28	0.23	0.20

Indoor Budgetary Estimate Chart





UGR Glare Index

Ceiling		70	70	50	50	30	70	70	50	50	30
Wall		50	30	50	30	30	50	30	50	30	30
Floor		20	20	20	20	20	20	20	20	20	20
Room Size		Weft to light axis direction of observation					Direction of light axis parallel observation				
X	Y										
2H	2H	13.9	15.0	14.2	15.1	15.4	13.7	15.0	14.1	15.1	15.5
	3H	15.3	16.5	15.7	16.9	17.0	15.3	16.4	15.6	16.9	17.0
	4H	16.1	17.0	16.4	17.6	17.7	16.0	17.0	16.2	17.5	17.6
	6H	16.5	17.6	17.1	17.8	18.0	16.5	17.5	16.8	17.8	18.0
	8H	16.8	17.9	17.1	18.0	18.3	16.8	17.7	17.0	17.8	18.2
4H	12H	16.9	17.7	17.1	18.2	18.5	16.7	17.6	17.0	18.1	18.4
	2H	14.9	15.7	14.9	15.9	16.1	14.8	15.5	14.8	15.8	16.2
	3H	16.6	17.3	16.8	17.5	17.7	16.3	17.2	16.7	17.5	17.8
	4H	17.1	18.0	17.6	18.0	18.4	17.1	17.9	17.3	18.0	18.4
	6H	17.7	18.4	18.1	18.6	18.9	17.6	18.3	18.0	18.7	19.0
8H	8H	18.1	18.6	18.4	18.9	19.1	18.0	18.4	18.2	18.9	19.2
	12H	18.1	18.7	18.5	19.0	19.4	18.1	18.7	18.5	19.0	19.4
	4H	17.6	18.2	17.8	18.3	18.7	17.4	18.0	17.7	18.2	18.8
	6H	18.4	18.8	18.7	19.2	19.5	18.1	18.7	18.6	19.1	19.3
	8H	18.7	19.1	19.0	19.4	19.8	18.5	19.0	18.9	19.4	19.8
12H	12H	18.8	19.3	19.2	19.6	20.0	18.8	19.1	19.2	19.5	20.0
	4H	17.5	18.1	17.9	18.4	18.7	17.4	18.0	17.8	18.5	18.8
	6H	18.5	18.9	18.7	19.1	19.5	18.4	18.8	18.7	19.2	19.5
	8H	18.8	19.2	19.2	19.4	20.0	18.7	19.1	19.1	19.3	19.8